



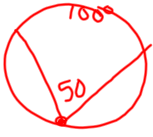



- 10.1 Terminology-- radius, secant, tangent, etc...
Circumference $C = \pi d$ or $2\pi r$
- 10.2 Central angles
arcs
congruent arcs
***arc length
- 10.3 congruent chords have congruent arcs
perpendicular radius and chord
right triangles
inscribed polygons
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$$l = \frac{\angle}{360} \cdot C$$

- 10.4 Inscribed angles
inscribed quadrilaterals
- 10.5 Tangents
perpendicular
congruent from same point
right triangles
Tangent and chord
- 10.6 Inside angles
Outside angles
- $\frac{1}{2} \text{ arc}$
- $\frac{1}{2} \text{ sum}$
 $\frac{1}{2} \text{ difference}$
- 
- 
- 

- 10.7 Segment lengths
two chords
two secants
secant and tangent
- $ab = cd$
- $(\text{whole})(\text{ext}) = (\text{whole})(\text{ext})$
 $(\text{whole})(\text{ext}) = \tan^2$
- 10.8 Equation
 $C(h, k)$ $r^2 = (x-h)^2 + (y-k)^2$
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